Notebook Series -- Pocket Notebooks
Notebook, PN-12-08-16

The two dated entries in this pocket notebook are from August and November 1912. The book was used by Edison to record ideas about business matters, experiments to be tried, and other tasks to be performed. Many of the items have been crossed out. Included are notes relating to storage batteries and to battery applications such as country house lighting, automobile starters, and miner's safety lamps. Also included are entries pertaining to the home projecting kinetoscope, improvements in the kinetophone, phonograph cabinet designs, and the production of disc records. The business-related entries include notes about costs, salaries, personnel issues, and staffing. There are also notes on recording artists and musical pieces. A two-page list of managerial and clerical staff, along and their salaries, appears near the end of the book. A variant version of this list can be found in PN-13-01-04.

Among the numerous Edison employees mentioned in the book are Frank L. Dyer, president of Thomas A. Edison, Inc. (TAE Inc.) and head of the Legal Dept.; Carl H. Wilson, vice president and general manager of TAE Inc.; Edward L. Aiken, assistant superintendent of the Edison Phonograph Works; H. Grimes and Brian H. Philpot of the Disc Record Manufacturing Dept.; and Walter H. Miller, head of the Recording Dept. The pages are unnumbered. Approximately 160 pages have been used.

Ask Sinclair to have spoons
lower a certain line —

See about of Morrison
plating Demand for
Frames & Vault

Mounted Sample Houses
Regulator — Rectifier —

Catch up on all
records so always
have fresh ones —

Take 7 door Book to House

plate polished Ni
with ½ reduce to
Cu & then plate Ni
1/4/100 + 10 mp
dittos 1/2 3.4 + 100

[illegible] about

also Martinelli

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] "Kindertreo"

[illegible]

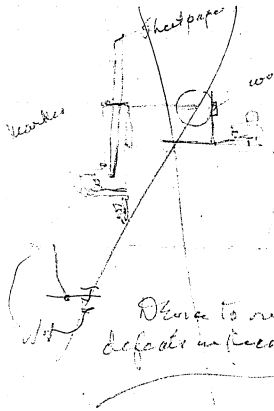
[illegible]

[illegible] "Melody"

[illegible]

[illegible]

See about Wilkes Barre
Glass for Vac (1)
found —



Dunca to record
defects in records

Heavy
Each trade gives Dunwoodie
Expense of this part in detail
get it of Neg produced —
gives Cost per foot —

get 2 sizes larger
objectives for Lisa

get new concave
Horn & Cumbellworld
for Dunwoodie & Cleveland
Neg

[5]

Crookette to get tone on large circumferential effect. Electric the $ay 4 mix pounds Pass now To bring out tone with usual liquefiers then duplicate the 4 with a few feet separation —

Crystalyzation show

Very large Crystals (perfect) of Uranic Crystalizing views

Either a complete model or the Crystal itself

Similar with Crystallography forms,

Arkey like a pair good [illegible] Structure

Mourning dress you can make before we have spoken Salmas report —

Cable about Martinello

Suggest 2 jobs get together one heating, both V.D. Six other 2 jew

Raise My $10,4

Buck to 7,500 —

Pierman [illegible] the Lifferto sheet film in library [illegible] for Dr [illegible]

Gumm [illegible] Jewellery Record of Cracked blank [illegible] Repair new record see if [illegible] long 2 or 3 pounds work bubbles out

Premium make one [illegible]
then print of [illegible]
would then put on
transfer [illegible]
[illegible] would then
press on [illegible]
also try [illegible] page
blank

About Baker for week
Master white blanks —
or even [illegible]
see if was [illegible]
about blanks already

Make sample $60
desc about wood

Cut out in acetate
take see if it
transfers to a
sub M blank

Hyman Can a bridge
to wood + you can
the acetate + get funnel
just below photo top
of picture
This would get you
close —

Add [illegible] sunny
blanks —

Italian design
box + top for $60
medium

Fred Ott - add on to second phono for Quality defect a worm off of dead for turn disc slow for Crackles.

Try on high like equinuk Regard in pebble [illegible] graphite & Corn flour grafite & tallow, see if equinuk is due to friction

Why not tape (wax) Model + [illegible] then press transfer + pressure use it with Mock Earth to get high pressure

Ask on telephone of tin foil people if make pure tin foil or the thinnest without grease smallest roll is of 12" wide or of Can roll it,

Ask Jwa if he can cast moulan blank on a Martin Mould, we can test with Model B for Crackle then, make for goldring

Get Gutta percha for transfer of [illegible] is used for medallion work

German press one let in oling longer w moved to get colder

6 Coats back to 220 Each Coat,

Reproduce Applebloom at dif speeds see if no effects flute squeeks

Transfer 1st on Acheson blank – then Cleanwelle Alcohol Humanizing – then

See if baked transfer are affected by Alcohol, may more than after being put on Sub Waterblank –

Use minimum Varnish between transfers –

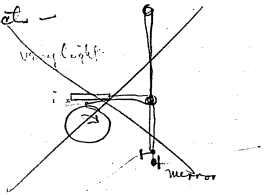
Little wash 1st + 2nd transfer with alcohol + use minimum Varnish

Little wash + then roughen with [illegible] of Coarse rough to Coarse applebloom –

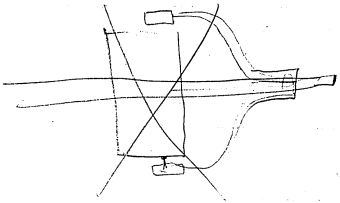
Higher hand pressure Transfer use paste beverage Rapidly to respond to no friction Rapidly –

Tell Crockett about Duplicating music with several people but in 2 5 clubs reproduce by interval of 3 or 4 ft –

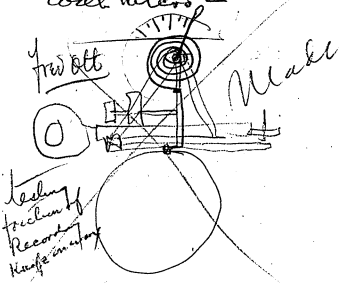
How Fred Ott getting on with attachment mark defects —



Scroll



Dodd — put 2 fresh blanks in box with date on a fancy burner — then season 6 & put 2 in at end week 2 at end 3 weeks & 2 at end 6 weeks — put them away for a test at end of each month take out & test with Meter —



See progress on wood Cabinet for 60 - & also larger Cabinet for steel & any square wood -

Wash all prints of records well until alcohol clear until scratch gone before gold plating -

Get revolving table or chuck holds Record well - use Chamois also Silk & velvet dry with Silk & wash silk out in fresh alcohol -

Take some records already made & well wash & remove scratch removed

Aiken wash & polish some of his Cornet records with alcohol to test demonstration of scratch

Pierman - Take some Piano records when man comes & make in blue enamel -

Get chamois of big needs after its arrived to size its dia to equivalent to one ball of less it will certainly cut records if it has our weight -

Dyer - How about Lacquer & Costs + Expense & also etc =

How Hughes getting on

Left Patch go —

Test Springs on Mack's suspension — 1902 truck also acc of getting in on all passenger planes —

On Dock truck considered heavy plain chain

When truck OK decided show to Coast of Longshore & Beach —

See what arrangement we have with Dg Cameron & sinch her —

Fred Oth = go in a few from & Tank Cocks for all Blackade same distance apart —

Monday Mess aboard Final room from initial Prod was 350 — YVM found mean aboard — 1/2 hour

Came back mean was up but it was still 350 —

QVM went in at 10 o'clock put roadbum on him & Sea Smith about an Oregon motor records like Pinelab —

Dreadly Retard —

See Philadelphia Math Chandler how get on also Tanks & piping — on Compass

Ask Dyer about Bros
Contract —

See Kannenhaff what
progress —

Higham — Report to me if
must Gr kept painted or
want that neighborhood
hereafter thoroughly —

Buffalo Creek
high sch school
be used — please
Chairs & Plans
Rec Controller —
Valley 10 call,
C. S.

for Education House
Home reader &
legations Library
of Davis —

Put up a dust filter for
Dod, for making white
Master —

Arbor —
Council records for
demonstration
15 men — 10 minutes
2 sets records —

Holland test ~~on phone~~
3 yr trouble - down Sunday?

See if Dod got our old
blank - went to heavy
Weather turn ~~[illegible]~~ ?

1

test for sending to Polak
Continuous wave on Rickards
& Mike the waves - using
2 horns & 2 recorders
so record side by side →

2

Run phone say 30 to 50 Rec &
sound a note, this will compel
show limits receiver needed
testing

Wallace Wells How about
Mme Charles Cahier at Welly
Cordially -

test projecting power of
funnel & Receiving power
by one funnel projecting power
blue circuit T. a recorder
+ Vim Green

Test [illegible] question
[illegible] day [illegible]
2 [illegible]
work [illegible] to get [illegible]

4 or 5 phones locked
together with an many
discs [illegible] each work
[illegible] separately
[illegible] - Even 4 or 3
[illegible]
Concerts useful at theatres
orchestras -

~~[illegible] for
[illegible] ~~ 30 watts hour

[illegible] should take say
12 mch. & back up to
[illegible]
[illegible]

[illegible]
Can use smooth disc
[illegible]

Try dissolving sulphate
wax in alcohol or other
solvent following — distilling
off solvent —

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
for [illegible] Miller's index

Patent Motor-Dynamo for sheding
clutch, with a series & shunt,
with switch [illegible] if alles
would — also the clutch
to shift over —

Dunwoodie — use showed
Called they referring
stagnant water from
various sources near &
look to see struggle for
Existence & [illegible] good
film [illegible] before season
[illegible]

3 min — no press
2 mm 50
[illegible] 75
2 125
2 200
2 350
8 500 or if can back up 600
~~18~~ mm

C253

do same on smooth press -
before pressing music

Use another Partlow, when
Smooth press on impression
looks good

Pierman make 4 cups
& blue bathing Cloth with
the 3 layers drop 4
5 & 6 layers to get
def sharpness & test
carefully -
The make a recovering
funnel test for loudness
& quality of separation
from a speaking trumpet -
Cal Stewart,

Ask Grimes if he uses
the Crack in cloth now
if not bring over to Lott
& get ready for plating
touched blanks pell
Ni = Gold when he has
good results, with
proper amount -

Grind up in Mortar some of
CO bronze & friendly
Griffin -

Have man make 6 lbs
of it for Ag CCCC -
for test,

Put up 4 pockets for
long test Reg -

See Hitler about Dodds South

See about new Cameral
Diamond Repeater Compass
& weight

Select pat for Argentine
Battery —

Find that Edith Walker
Queen Record by Victor —

See Calipers of the Co
2000 mah iron — after making
& after running —

Goodwin — Say to him
that it is impossible to
make very low price
discs on account of
the high grade of the
whole thing that we
are compelled to discard

so many things for flight ....
imperfections which
headquarters worked out
that we discard hundreds
of records for imperfections
which are all present —
Your discs seem to
that to get perfect pitch
we are compelled to make
Experiment records very
long back wheels and
all experiments to get
fine music well always
between costly than
any other thing +

When is Phelpat and
Compressor Co arrive

Is that pat is safe
in [illegible]
[illegible]

Wickes and Govt Experts
Pierman on the 16
Recorders

Announcement Adv
Dec in August, to
prepare people,

3 Speakers – Baritone and Standard
Mezzo & Contralto
or the
or Standard, Soft or
very soft,
see about getting
some needs –

get more flowing
Dafter Yellow [illegible]
transfer - second
Kinds to make a
fixed test Carry
Daftenny to [illegible]
Lemnt

Bonny booth Crock
plating alcoholic etc
over d OH with
Sward sub-acular
a holder -
grinding - was. 3 amp at 1st
then goes to 10 - couple
hours then 20 amp
have to have [illegible]

Nickel always peels 1 amp
to 3

Wilson - Why was
Bobby taken away
from NY

Ballentine - 1st test iron
clamps with 5% H_2SO_4 to make
sure no CuO present on that
is due to decomp & can be got
out also $CuCO_3$ as well,

Something wrong with our
iron pocket, think some other
design would make it ok
below freezing point,
design exotical

Soak 2 Fe grids in water +
let them self dry before use
ditto soak in Carbonate soda
ditto HCl, ditto dip in 2%
HCl dry then in KOH + dry

all to be lined cold of 1500 or more -

2 grids, bake at 200 dittto 300 to 400,

2 grids wet with strong ammonia dry press

wind wire - D10 around pocket then Crump & Coming off -

~~Wet~~ Mix the ~~Fe~~ with powdered KCl very fine, 5% - put in pocket & grid & Crump - dittto 10% dittto 20% then cook out,

Pocket with 4 screws thru wooden with nail on either side to liquidate, or a 1/32 screw with centre piece whole leadpipe pocket 20/wire thick to screw nuts

Drive headed rods thru bonded pocket & clinch on opp side.

Load pocket with damp mix & press damp,

Mix with graphite ie pulverize the Fe mix & load,

Jura acker - Conferring

Cheap graphite with Cresol resin & pulp to make it flow better

also Cant we use some Rosin

Why should dish remove in pressing why not press & form perfect edge & then put transfer on to page so it dont have to flow -

Wash the blank before pressing - by water then alcohol!

Try 3 A4 with B1 green

then 1 with 5% KOH

1 with 10% & 1 with 15% — KOH, Li -

2 with B1 flake & 2 1 K 2 Li

Pierman to make
1/8 smaller Sells
dia & come down
by 1/8 ths —

See if Legal dept
applied for patent
pressing in Vasco

Dry buff not only
the Vessels moved
but Submarines &
Submarines moved

Calliper Submarine
blanks see if same
check if not grind
off back —

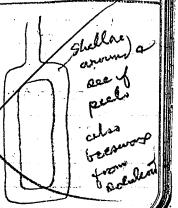
Heat man bremals —
24 hours empty stomach
full stomach with & without
Excess water — Empty Stomach
full water —
Belt around waist tight
Collar around neck tight
& also loose —

Breathe Chloroform — Ether.
Big 3 fingers whiskey —

Sing set down — stand up
arms up — 1 up 1 down
Belt around Ribbs —

Lowell

plate xi —



Combination Charm.
2½ oz to 3 oz powd
powd in materials
that will withstand
the pressure (all being
B/1000 dra

Combine the dry
with Picric napthalene
Spermaceti, Sgr picric
underneath or placed
Combin or charge.

Warm (not fr.)
until it will take
granules. Then press

No 1 Varnish yellow
10% Picric acid
10% of fulling
Chloral Hydrate
Camphor
Turpentine dry dry chlorate
Trichloroethanol,
Coal tar pitch
Sheraro Pitch, - Allyl
Kook of Book —
Rosin —
Tolu —
Shellac
White wax

1 = Try pencil dryer on records - NG

2 = Experiment on mounted to remove stuff stuck to it - use 33% ammonia also alcoholic KOH strong - ammonia perhaps was never yet clean mounted. Hot phenol is better than heating stuff -

3 = Many to quick to grind hot transfer to smooth the rough spots to permit flow -

4 = Grind off emphasis by range - ditto Try one then grind using oil + wipe dry - ditto ditto grind off a spot first

5 = see the mounted set up so much flowing reduce it to minimum - having a screw mount accurately made to grind put in neck for air or vac = control the flow so it is just enough to fill. improved

6 = Allow place in transfer pot paper under it to soak up.

7 = test solubility of pieces of transfer hot, want get best solvent,

8 Can probably direct flow by pasting paper underneath around outside - also relieve pressure on solder -

get plating Ready to plate Silvered dish -

3 amperes 30 minutes then in box + into Copper bath of looks good -

9 = possibly can paste paper ring deep enough - recess over it so most pressure at first comes on record part, flowing bad stuff to inner + outer then (where) points.

10 = Roughen surface of transfer but a coating of sample of KOH. see what it does -

11 = take a 1200 transfer, and clean it + put 1 coat varnish on + bake rapidly try IPI + Reg varnish -

12 Inspect transfer - range them top of spots, then varnish the bad spots + bake

Speak Walter Wells about
tracking a ring slap
Repeder going over on
label

Walter Wells has
Haiger get a blowing
pot up [illegible]
and slap Hayes Repeder

From Gold water Meadow
3 amp 10 minutes
then range to 10 for
an hour or so then
you range to 18 or 20
when are done

When plating
1 hour
at 7/10 amps

Only real hard
[illegible]

go over with brush every
3 or 4 months [illegible]
[illegible]

Generally - prefer air
than oxygen approach
blowing into lake so
or electrify the air
only go to be more
active -

Smith put up 2 cells
on Muskrat
with Reg Electrolite
but made with
KOH with 2% of
KCl - furnished
by Silver Lake

Walter Nelles
groove in edge
See grooves

send Note to Gorsuch
want see how I found out
how he takes care of the
brass and the shaft —
Show recently New method with
Shrapnel & [illegible] 2 [illegible] Cars
to test all his calculations
a basic section for the

See Aiken Hall
Wrenfore Wrenfeller
~~[illegible]~~ use put Numbers
on properly way

Show
~~work~~ Weeks —

pressed Petit Cylinder
white wrong stamp potato

Look at Record Wheelerial
Goldsler recently made
for me

press a piece of Carbonate Sr
just moist little in one small
hydrophobic + dry must look at another
also See Mottrop Chalk or
work in paraffin —

Little Discs

Little discs
Cast disc of 140 MP paraffine
see how it presses the last bottle
if it is 135 @ 137 MP paraffine mild

ditto Ceresin
" Beeswax hardened hard
" Cohule wax dosed large %
White Ceresin –
Black Oxide –

Stearate Nickel & Manganese, Lithia
Fry from acetate, used to make no
horses High MP glycerin –

Silicate K glass & soften –
+ melts see if can coat a cinder
disc

~~Fused Mass~~

Stearine Potash hardened by
Stearic acid –

Oleamide – action alcoholic
ammonia on oil almonds, semi-transp
at 75 cent – see if Gallstones made
this lately or long ago

Chlorg must be melted
in absence of chlorine

Silver sulphide, amorp, cut with knife
used as veneer & pinched, then reduced on
surface,
see if Ags is soluble.
Can use precip & press or fuse & pour
Chloride melts & can be formed as veneer

Phosphide Hg may be cut with knife
Sulphomonobasic Silver cut with knife
see if the fusible metals have a
softening point before melting –
ditto of Tin can be alloyed to give low
softening point –

Metacinnamine softens by heat draws
into threads, can be cut with knife at
ord temp – Veneer, of Gelatin flake

gutta percha in solvent, veneer,

Permolybdic phosphate Ammonia, transparent
Sulphomolybdate Mn Varnish trans
also Mn not trans

Citrate glycerol – trans / different proportions
must H2O at or other
ditto Basic same as above melts 100 cent

Cyanide CdCl Tenacious Mass

glycerophosphate Ca glass

Codliver oil treated filgoliular

ammonia forms large opaquely

Amide MP 93 cent becomes

acid + trump

Hexamethylphosphate Mg precip

Soft + tenacious, heat precip

Hexamethylphosphate Silver

Soft at 102 C

Tetramethylphosphate Lead quickly

Tetramethylphosphate Silver

ammonia forms T

Phthalate gets hazy

out quick 4 days

They say 5 days bath

Wilkey not based

Wenholt interrupter for our

disc coils —

also see about high laws in

alternator

play active lower on some

mechanical Compositions + change

the speed of Recording block so

when at pauses speed the etc

raised above higher — then we

get rid of fumes by + Wolcher etc

higher rates —

Have Cromelin see Jean de

Rhotzke in Paris + tell him

about new disc + ask him

to come over to Jabonlong

and to [illegible] Combined

with any photo Co until

he sees what I have

which will surprise him

+ be of great assistance

in his Recording

Have suggested aug 2/3 volume
for shows so as not to produce
false waves –

Ask Galli Cozzi if I can stand
underneath with prompter so
Can see my horn

Hogan why not double
fraction 1st fraction Meredith
which respirables Lord
Considerable a 2nd which
should be louder &
thus get rid of scrubbed
that Hooper prog simplify
Records

Mung Kemp double
globes between filled
Water, or temperature
Have Expt tried at
Harrison then Ehrlich.
try at Lab in Explosives
Mr

Dyer – what do Galli Relzm
do Loaning out Kinetoscope
get data, How about
organizing & also agency
all unknown,
How about Lyceum film
Co new organization
Also film dept at W&S
bad – bad scenario, pictures
not assigned, The person
man of no resources –
Not good work – big new
machine with allowance
drag – Explain Hooper
report in Re graf
Contract with Musicians
How would it do have
graf & Cromelin come
down. 1st Sept, See new stuff
also Wedding Cabinet
in Eng & Germany

Dyspepsia Continued

assemble there small place we send Expert only to [illegible]

Berlin — Make equals of all big Museums stores, perhaps Austin [illegible] they are not with Gramophone, Gives recitals —

How about Dyspepsia,

Pepsine = cause of in addition to our 4 Reels Can we put out an Extra Scientific — Anything I can send from Publication,

Card index sengers stating their best requisites quality voice, proper place + Concerning little instrumentation etc.

Looking Celebs Contract,

Try the 1/2 gold plated Submarine in bath in Chem room Company

Goodwin Moor and Travellers been taught to take report + put together new Machine

sea Nymphs new Pepsodent when he will be pretty female Example but

See Rogers & Hammerstein re Ra tamp rodg

See Lour if he can't rush Remembering job by putting on more men —

Point in phone talk
We have 100 units of money to spend
We are not going to spend 90 in Hardwog & 10 in voice that has no real value
We shall spend 90 on getting good voices & 10 on ability —

Mem for Goodwin 8/4

Don't put some singer on 6th yr of a season —

Adolz = See some of the Theatre Roundabout & ultra-line beyond in place of Wahlstrom singing the fine Opera & other songs from the Orchestra leaders seat, we can't act as orchestra

Adolz & New Mach for Pfeifer & Lewis replace orchestra

patent out Repeater in connection with the Vic Rec having an Extra ball on arm to guide the reg Repeater or Several wires of a bunch —

Try out Jas Anderson on my Vehicle Tar paper for Cold —

Tell Co Mellor that I may make Chrome so loud ~~so~~ they will Go better = ~~If~~ If they are not quite so loud as about it will Go better —

Smith gives me the number of Nickle rays in each pair of test cells with the Capacity or full Charge after the 300 + 600 hundredth run Compare this with Same nos in small Tube Cells to get indication

Shelpot of Jas Cleaver pressure gauge Can see Bent & subject the head for pressure

Hanson of another Man

Hutch -
Go to Rent out Kinetoscopes
$2.50 Cozak + Curtain -

Clock with pendulum
bearing 160 + also
80 to test even rev
of phonograph pitch
in bottom -

Aikin + Gruny
Promise for blanks not
that on top there is a
flow at edge

Correct this

Order 1/2 doz Cracked
Records today ~~report~~
~~them~~ To have on hand
see Gorman re so his
other on Vocoradio
No Vocorch -

See who is responsible
for Sales of
Kinetoscopes

Ask if Wright Waddell
is doing Spkg Pic

Bradburn Hutchinson
Bec Wright has become
of index funnel for
filling B Cells

For wrapping disc & cylinder
Use pure thin sheet rubber
handkerchief 1 ft sqr —
also get pair European thin
rubber gloves handling blacks
& Rubmasters — try collodion
& dissolve off at night, tips
of fingers

Get Baker on telephone re of bars
Rowe gold wire,

Inspect the first 2d &
all prints from Bloomenkopf

to note if mould gradually
get bad also listen for the
scratch on each —

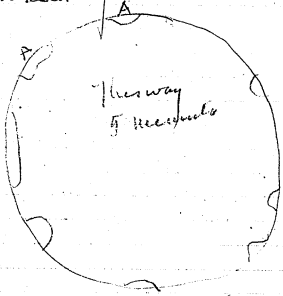
Ask James Clemp & time he
plates blacks on moulds —
& how he prepares the moulds

Rig up revolving Cu plates —
Use central depressing cam &
get amp Meters & Res no Carbon — 5 cals
10 amps —

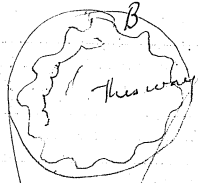
Gramer to keep all vacs going
plating smooth transfers
to test plating experts
want 20 or more —

History of submarter plated with platina of hours on Current ~~point~~ [illegible] fine but could see no bare platina had covered over a Smart from points at outer Edge put it in Cop [illegible] 1/2 amp 8 min
One amp 14 min 1 1/2 amp 17 min
2 1/2 amp 5 min 4 1/2 amp 15 min
When cop was up to Edge of hubcd, kept this on till covered a-bit it rough
Wasli

A



B



After 7/8 in we made change from 1 1/2 to 2 1/2 & by multiplied working with current off a minute perhap + 2 times where we got 40 amp on for 1 or 2 sec. we found the circle had ~~not spread from (necessary 5~~ [illegible] at 1 1/2 + the 40 amp) 5/8 of inch + it cross dividedness color being red, this dividedness color gradually approached outer color but when dose covered the 2 qualities of metal are divided

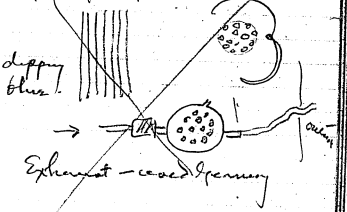
Y shown contact around
Edges poor, wire should be
put on before gold plating

7/10 amp on Nickeling
1 Hour.
Suspended in Vertical
position
anode
about 3 1/2
inches

Speak Legal Dept that on
Contr of operator & condensers
we left off the areas of ball
with the pressure heads it
Corrected in application

Babson – Mfgrs phone rent
Machine & disc
or wooden disc

Speak Philpot



Author Moore (Tri) coating
on bottom of the transfers
Stop Cycling

Note on 10 Records
of breaking to some
depth on slant as
sliding —

Make wear test on No 1
Varnish — Aiken make
Coral records & wear
& Cold test = Long
Records —

Tell Walter that which
We agree in Coulvacks
to take say 10 songs
that we may want taking
more if the singers seem
favorable

Aiken & Moore try
Cooling on bottom
side of —

Aiken — Calliper the
rough blanks before
Wednesday put on —

Walter Miller want
½ day more tracks
blanks, take great
care with them just as
much as if a record
you cut them on
some,

Dym — see Durand
about some arrangement
Columbia slap
& etc

Get paper Electrodi. Chem
Calcium
Mg. $SrCO_3$ | $BaCO_3$
Bi. Sulphate potassium
ZnOxide Sublimed, Zinc white
Heated Range,
Heated chemical, gas stove

~~Hutch, single Dynamo Motor~~
~~Ford – Dynamo~~
~~Hoop it~~

Sunbrad wire 12
Cast brass –
pour it in molds
harden it 1/16 thick
back it up 4 pieces

Lead plate
Cast brass pulleys
[illegible] gold plates
[illegible] gold masks
[illegible] fundamentals

Glass square jar
Nicholas Waller
28 Warren St
~~Mey~~
Outside measurement
13X8 13 1/4 deep

Wood Maple table
12" high – also 4
brackets

Fix up new gold vac with mountains of gat heavier plating at cooler or 1/2 the Lacq at Edges

Brady 1 lb/150 36
Bone Cap Cone
See Bigh Vac ...
new,

See of Vaiting Pic
is ...

Make close filling box for Arkons crate of transfer plates & bake at 130 @ 140

Lacquering Expt ccing 16 1912

use ring & perfectly flat plate.

Each plate (cone) be ringed up be in scraper cones be inverted to spread lacq -

2

Arkons crate, put in box with funnel top + close, ~~put~~ Leave plates + pour + put in oven 125 -

3

Dry the lacquer + put on with a screen the melt - if dont melt put it in. Closed chamber in hot ~~[illegible]~~ vapor if dont stiff even use opportunity

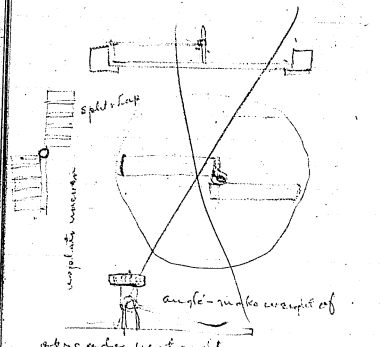
4

pour in cooler a definite amount lacquer -

put in a machine that gives it rotation at single RPM spread then air dry & put more matter coat & so on

[7]

5



6

Students make several gals of Nos of Varnish –

7

Try KCy + H_2O_2 also aqua regia also Chromic acid Bromide Chromic – Chromic fac – Iodine – alcohol – water – dilte Bromine

8

Varnish requires each coat to be dried ~~[illegible]~~ place small space, gauchely put on after Varnishing kept 18hr till dry & out w coat. Then boiling bubbles due to special [illegible] come out on hot alcohol vapor & not be kept from coming out by the air formed skin –

9

Order trial Dental Rubber for wiping – also [illegible] silk handkerchief

10

Daily make 12 [illegible] for gold Vac

11

pitcher jaws in molds

12

Dissolve gold by KCy & Na$_2$O$_2$ oxide –

Try [illegible], also Tetrate NH$_4$Cy & also Ammonium sulphide gives brilliant adherent Ni deposits

Dyer about Shoe Mac
Lawyers help us —
& also all letters
intercepted —

Weber you have a
large quantity drawn
points in the field

Pathe Speaker
take them out & use
in new speaker
We should never
use the Pathe —

Patent fixing the
Swivel new reader
So Cant spring for
use on the machine

Patent flowing process
Veneer for records —

patent gold Vac process

Sales what of new
disc been put Germany
England — put main
factors —

Patent pressing Records
process,

patent Submarine lead
& fusible metals
Superheat on lead —
non Crystalin —

Have we patent for
Veneer of Condensite,

See about making disc Europe
export when tariff goes off —
patent outlook info — if possible

See if I have patented Cobalt in Storing

Order from Fischer Bros 2 oz pure Gold cover for 1000

Patent for shower disc paper scribed screen then I never proceed on

also powder blank & proper used for commenting Veneers —

See J V Miller gets hard much Co he gets in & have him put more —

Waller Weller open books & charge toll Cost Each second to produce Dept so accounting Co had for every register no they will appreciate Costs.

See Wurth about Vault for disc records — Well that want room for more than 200 after we catch up —

Improve the Cam for holding cobalt records for slipping & for air tight —

See Luhr how he is getting on shower chips for white records

[11]

Has flowing varnishes
Record (gray) polished –

Asked all the plates
was got out except with
one lot of gray are
affected by alcohol
You must filter out
6/4 = it showed for
added afterwards –

Trouble with Reed
band is that one
instrument is a
resonator for
the other –

Webs about the 2000
clocks up & down
noisy & bad – all on floor
getting dirty – there they
together and blown down
then up again & now all
down

~~Summer when you start Monday
Keep account of Each
Clock & Clock &
put your Numbers on
Each so we can
find out the "s good
& bad –~~

Hear Evan Williams
on Victor

~~Philpott~~

~~Wolcott~~

Arrange Philpott to
hurry Hughes
Records Home
right along Hereafter

Have boy make wear
test on breakfast No 7
70% lost Uncle attied
by Alcohol —

See if Lee patented
Moulding Records on
Vacuum drill
Veneer

Warn Gregus Wyatt
& talked about hunting
new men or letting any
one in Victor has a
spy in works

Moore Arbuckle
Cup —

Moore Records
about Cups
right away.

When transfers ok
print 1 Each all our
Wheels & work
then proceed to
start Aiken Mfg

Worth Babson he
should fix up a
demonstration room
for 50 persons at
least & he will
have room in not
having Extra room
he can then have
programs

Gennie why the delay
on Extra transfer
plates

Try cork 1/8 thick
in top of columns
for transfer discs
Records etc —
in place of the fuzzy
flannel —

Expt 12 = 2 portions No 7 undiluted
1 flow - 5 min Contact 130 lbs steam
10 min 1500 lbs Vac on - then
Vac off, Chill + let pressure
go down naturally —
2 discs perfect 1 faint crack
at Edge but room have steam
only 112 = the lack of hardness
makes it crack - not tough
Enough - brittle - got 3 out 4 ok
4th one ~~was the~~ 112 steam pressure
~~this appears OK~~ at 130 steam pressure
WE now try some way
using two flows of 40 cc
Each 50% diluted No 7
making equivalent to
53.2 cc of undiluted No 7

Series of discs for
private materials very
Expensive,

Dyer -
Why did not Legal
Dept Call our attention to
Johnson & Carpet were used
in March + let us go
ahead spending
thousands of dollars

Blessing -
66% Denat 33. Water
Hot, saturated water
Dye followed, little
Hel - ?

Get from Lakeman Clark book! Chatterton Company also Marine glue — for plating spider & devise new one —

---

5 Watts 1 acetone 1 mm dip —

Patent floating —

See Grimm if he has unpicked blowing Mandrin —

Telephone Lafferty about Good Celluloid —

Patent main floating Disc phone Eng from Germany

Use amyl acetate & Stick 20/100 while Celluloid to Transfer blank & press flat & ~~[illegible]~~ then print Record on it heat

Patent this of Oh

Lead WP
Fluoride Cutlinery 292 C

Borne acid 186 C Daly 577
Pb Chloride 498
~~Pb hypophos 806,~~
Lyons cell —
Enamels lead Borne acid
Phos Soda, Stannate Soda or K
Ca phos — Combinations of these

Mix of Tin Oxide + Litharge —
for Enamel on pottery

Patent rim ~~[illegible]~~ plate
also removable rim

Patent flowing, baking
drying +
transferring — also in
Vacuum — patent priority
Records in V.C.
Patent numbering on
Edges — patent

Reprinting, (12) so hardening
that it does for decorated
as new articles might stop importing
gwo Pat No 1 & No 7 Vermuda
Patent Crystal Resin + paper
or other fabric Cloth —
patent Varnishing before
transferring —

Patent Enamels for dies
get best one —

Patent direct printing no
against flowing of it can
be done —

Patent Method of Gilding
Records to Engraving

Patent Vase holder +
Rubber ring & all
details +
patent Certify Discipline
mechanical

~~Hoos~~. Dod & pattil steel
nickel plated & pressed
for transfer plate also
Nickel sheet welded on steel -
Monel & Garrison silver -

put up & down cut disc
present thickness & weight
to stop vibration

See #168. Mach funnel
pouring in Center Open pat

Patent a disc characterized
by the original driller marks
of the secondary Kemp & Bury
preserved which improves
the appearance -

L Ott drill down
Asphalts, pitch etc
till about 600 deg
Tahn Remove & see if
press hot, for disc mat

Colony Celluloid with
a dye dissolved in alcohol
Acetone etc & then adding
water to prevent the
Camphor from being
dissolved out -

How about trade mark
Blue Cambrical

Patent removing the
surface freely
Elements Puff marks
& defects & Loss Camphor

Look up the letter where
Mran had disc of
glass -

Borax, metal & Silicon
probably Ret but think
flux and Borax Mf -

Try Zinc chloride & phos acid - quick method getting test records -

Give Grimes plenty [illegible] outbreaks [illegible] left hand be careful turning hand transfer plates! —

L Otl - dust all all Asphalt plates at 600 @ 750 - want see results for discs —

Philpot records
2 of water
1 of acetone

262cc water followed
88cc acetone
15 sec moving exploded
Dry

Grimes did you inspect blowing off machines — also why did you keep me working 2 1/2 hours keep a man late —

Patent chilling ring of transfer for record yearly [illegible] —

Wilson - Arrange to change out raw cellulose stock to Philpot as check - also daily reports of good + discard records —

How about Annealing Submasters blanks -

Wilson – Inspection of blue
cupboards showed so indeed
often not made. Chief pat
also, everything showed has
changed out to Cylinder dept
& accounted for – also requisition
sheet kept show amount of
requisition & remainder –

Organizer Same thing on
duds. Want weekly
reports –

Hewitt No control of
Heads of lifting over production
but inspection leaders
Control Chief Inspector in
office –

Constantine Drewer
Control –

Wilson – Hold records
are not to be kept in clock
only made to order.
Dealers keep samples &
keep no clock – This must
be done or we lose out –

See Eckhart for reps.

See Round Robbin
overwork –

Mccolai If he has
good men I can put
in position –

75 Double records
Monday 18th –

Dunwoddy glass
base plates Vac
Cpp

Oil on ground or old
way - or old wax
mixed in oil + put
all around big
building

Short 1 gold cove
Scrap - Make
3 Extra -

test the 100 dis.
Record Coach for
Boston -

Luhr - mounting
Indian Codes -
wants 4 Codes

Merkel tall
fellow unmarried, 3 yrs.
The yr older man
Blue making 6 =

Hutch - wrestler defeat
Co - pick up Codes

Co 15 or 20 yrs
Jones lives here - 3 or 4 yrs

Preston ~~Phone~~ records

Merchandising
Little Rock Ark —

Mustrometer comes out blank (black) in Vac by heat work with Chrom Temp. check —

also filter is a fabric or surface that puffs up in Vac, letting through the Ultraviolet effects Vac —

∴ MP of Cresol resin should not be lower than 210 higher all right,

using 25 Cresol 75 phenol —

239-A 60 wood 40 Resin pressed 300 lbs unheated of 500 —

240 A 55 wood 45 Resin

241 A - 50 & 50

242 A, Req 6.6.33 33.3 —

243 A - 3 wood 1 Resin —

244 A 3 wood 1 Resin all Cresol — Low MP = 180°

245 A 3 to 1 all Cresol High MP —

Wilson-Phono discussed for Library — for Preston

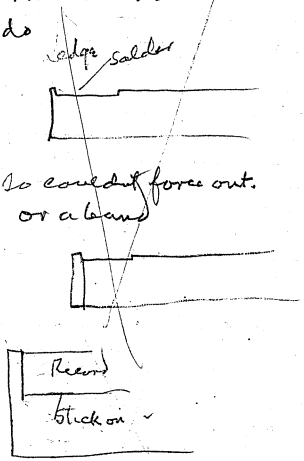
Hutchison – R[illegible] see WP
of Resin by [illegible] –

[illegible]

Aiken [illegible] Varnishing
paper – [illegible]
tried for [illegible]
do you [illegible] –

2 Soft wax moulds
made by Sayer –
make up

Moore how would this
do



in moulding put a 003
ring in mould width of solder
to stop clinch

Patent, machining Copper
for grids & welding on
[illegible]

Tell Bill that the Dist
Baking Wagon with
Motor on it rented
to be — should have
shaft & well Motor put on
[illegible]

Harry — Keep Women time
overtime & pay at rate
of 50 week for partime

Dyer Wilson McCleary
about paying shows
in Boston to advance
phone in their auditorium
& may do some trades

Dyer — take Pic only one
2 years Exclusive — after
that they are not to be
deprived of it but get
it on change as others

also any Extra films
after the 12 week to
be paid for at 9c plus
Cost of producing the film

Legal Dept = Did the
decision the Film has
apply for synchronizing
device & what
arrangement made
with him —

Wilson — get Cost Diamonds —
Trapheagen Complaints to Weber
Trap has no expensive & is hopeless

See Walter Miller on short
records go on further say
1/8 more than up other
2nd on transfer

Dyer on Curved Bed devices
part of Victor, see Edison at

Speak Goodenough of
better use of good
travellers let not go on
gov. the money saved to
Jobbers to help out on
Mixer problems Mixer room
travellers walking for
get from him yearly Cost
his travellers all Expense

Buckley — Nogo at Weston
Dynamo man

Harper — design 60 machine to
Screw into Vic Cabinets — Victrolas & other
type — See if can put
a [illegible] on Weston
Woodwork —

McCheany some absolutely new
phons at Boston shops on
Mass cabs & seperate —

Letter for Dunphan to
Fox —
4 Cells for Test Bureau

2 Records for Marine
Reading

Wilson - how about Coal
Diamond points —

Harry Mellor - Keep Wagons
Overhauls would pay it

Patent Celluloid pressed
in powder & Cake
& then printed —

Patent Cushion interposed
between Condensite &
the blank - Grind prepare 4 to 1
w/ Cushion
ahead after Depts formulas
Transferring to proper
only & Connecting the the
printing & subsequent
finishing the Finger
to any kind of a
blank - proper paste
etc —

Try a very much harder
Condensite plate to flow in
place of German Silver see if
its lots qo - Expansion
would be less & could use
No 1 - Use Condensite that
dont soften —

Dead Legal Dept Talent
Opened type of
Piano plans if not do
so as Heard Columbia
going to have
something like it

Patent 2 or more
discs connected 1
Clockwork with
pin to prevent Gripping
& Concealed horns

Maxwell = To get Bryant & Pk in
Churches go for the Bishops
of the different sects & convince
& show them & they will
start back walking &

Dyer - Leg Dept for chem
anything on [illegible] personnel
[illegible] Reports in
chem go on Vicalor

Write up a Whole series
of patents on Vinegar
& Coward [illegible] blank
papers on & Coward also
dipped paper with Varnish
& [illegible] & [illegible]
Know I can't do opt for
same [illegible]

Must the dope in Varnish be
acid also patent Varnish
with dope having acid
reaction

In any Contract with French
specify that the species shall
not exceed Cost & 20% profit
including Commission & Charges

Fradette - work for you put now
speaker on Victor

Dinwiddie, glass retort
big wide thermometer show
3 boiling point distillation

Wilson - gave him
[illegible] per hour Record
full [illegible]

Crescendo of sound sustained on very high, Use more chords on stringed instruments, avoid all vibrato in Crescendo, Except where very low instruments make strange effects or where all strings are strong already.
Must have softer leather on violins or pad the bridge pedals more, only use new strings, particularly
Use violin to run scale of every rate & deliver tone of lower symphonic & avoid it.
A second violin with flatter bridge or sound post [illegible] can be made on more than 2 strings
Avoid cadences like that in Memoirs of Horace, Could might upset the melody & cut it short,

~~[illegible] 1 gon~~

Fred Oth, Conductor
brass or steel lab-proof
aluminum to polish
Sensitive reed
one per pion —

W D Trow
Wkd in Patents Dept
Dent — Clients yet in Lab
Crazy

Have Arnold/Mrs Replica
so Walter can make them
in my with acceptance
then we can send to
Europe & take him —

J V Miller thru
Sheet Metal
also plate Piano & blank bellows lap
metal & wood
When get Comel Records
send Meachem & Records
as fast as possible to
Hayes London for
possible use in studying
over Methods —

Order from Central
work 12 nuzzles
all with springs
a Complete —

Get samples 150 & 200
screen for labels
open now 4 p.m. —

Wilson if he cant
arrange so Demoulds
boy can see the
weekly films

Urlus — he is at Metropolitan
Tenor — is only gramophone
get records —

Where is Nos 1 2 & 3
Moulds for Happy
Days — No 3 sounds
good — & presented well
Gr cap —

Victor —
1 = get a Victrola —
2 = try non taper ax + taper funnel
3 who 1st used Gold funnel one part worse
other still
4 straight tube — taper extension
remove 2 parallel
5 Aeq Tept, Did ? patent running
the weight,
6 Goodwin get Victrola, + taper stuck
are different re Gramophone down
to $50! 2nd hand with dog + Wolf hounds
re Victrola, nuvel 105

get 6 Double drawers for Moore.

Pull Corrugated to Frank Transfers or records that has been reported

Moore, etc Valves for presses — on opened Valves without shut off presses down

See Baker or Philpott's shop & find Mer dubes —

Have Dally start Letters & cleaning out records

See Phil get form only as many repairs —

Have Fred call Victrola funnel device —

Get Victor Exposed horn machine tell Fred call here for it —

Pass records for repair —

See Robbie gets off records of Mot —

Nov 10 1912

Gloves for Moore –

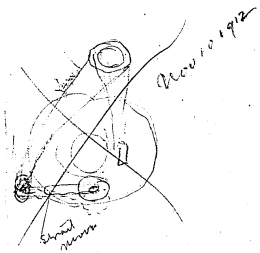
Revolving Media device

Replace Edwards –

What is it Skolnik

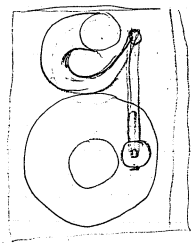
Romanya Metal Scraper

123 123 123

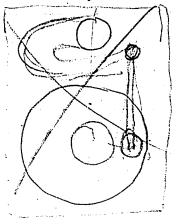


Nov 10 1912

Vic Schlichund



Victor Schlichund Nov 10 1912



Tell mould to change the Mould Boy to the backing a Mould,

Get the 6 boxes for Prints & put them to work –

See Eckert & get Stock on hand up – detail & accounts & all information so I can close out form

Have Watt & Stevens & Eckert –

Arrange with Nicolai about taking over night foreman for Press outdoors –

See Dyer – offer 5000 feet film –

Badger in re grinding Valves –

Ordered Valves 32 Valves Burns ordered them –

Floor in 2 for presses –

Burns interview re steam fitter want good man – See Weber

New Arrangements

1 = find salary of Dolbray, Stevens, McCleary Groton, Hickswall ~~and~~ with Face heads.

2 = E prendt W P P Co –

3 – Pelzer, Dunetin, Office film C.

4 = Where Glent McKenzie + W cos prendt

5 = Stevens head foreign Dept perhaps film + all in Europe – salary mean? 2nd V W (world)

6 = Maxwell, General Agent = salary mean?

7 find out why we employ two partial space writers + what they do & wanted Until, also how does drafting room keep busy How many people in legal Dept?

8 = See Mehr + W down together + have I understood Mehr wrote comment me about Everything in 2 days #1

9 = See Ernie + raise salary top 3 day + give him much Stevens all work then down just when he is To do & approve Time + they worked.

10 Arrange Harry Miller that Meadowcroft Conference Bartley Checks –

11 = Raise Dalby salary + see if brush works

12 = Hulah how is foot Experience + what is prospects doing by with horse lighting

12 = See new room is ready for Joe etc

13, Have Fred Ott, get some one to help him + make Extra speaker for Victrola

14 = See about phones inspected & if Pierman room fixed up want mount to make the drill respons tool –

15 = Rig up the other phone to take Hick records + put it in old battery room for visitors –

16 See Hulah see if any reason Harper + Room pounding ~~elsewhere~~ but come down

17 See Weber about Burns, he is no steam filler, only a plumber, + why that Badger get a man + be responsible for whole bldg + repairs also

[120]

18 = What is Bangen wages.
ditto Nehi - ditto Dodd,

19 = see Dodd about taking inventory of all blanks in his dept + cost of bkg & bldg =

20 = Write where shall we put the spinning machines we don't want - need the space

21 = Tell Wilson trying negotiate for Poke at M bldg & drought —

22 = Hutch what next please about we make Egal with single dancers — Police Navy, & Other Coachmen etc

23 = Hutch on the Disc Table to rush it =

24 = Goldblum who is the gold powder —

25 = Wilson - about a lick of def moulded records, why not have a net block &

arrange a to/o for that amount + only mfr as we sell + not clutter up the cobo building with boxes —

26 = Take an old moved - see best way to paint —

27 = Wendorcraft take all my Corr + answer everything possible + only put things he can't answer back in basket,

28 = Correspondence for Olympic comes to me

29 = Speak Crandlin + Graf about small picture with fund are for cheap MP Theatres or make a deal with them to work it up — show the pics to them with good are Gall do it

30, Dyes show documents giving us right to use films small RK from MPPCo,

31 = see Hulek about drawings for changing the springs on axle of family truck -

32 Heilek what progress on truck

33 = go around with Mehr & see what work is now in shop

34 Badger get some drop pan for our steam piping hung on pipe by roof ~~how~~ when we get time to repair leaks -

35 = Crush the diamond in vise see how it breaks up

36 = find a horn Victor, think Aiken had one -

37 = get list of the 10 record not sent to Houston -
then make up a new list of 6

for each jobber & Dealer & fill out the ~~list~~ to Houston with additional ones to make a new bundle,

38 = put a washer on filling tube in flowing machine & the outlet to prevent bubbles

39 = go with Mehr & Odson to flow below 21 arrange for inspection stopping & shipping of disc records -

40 - Hulek how you getting on with pk of disc records

41 = Rubber brush for a girl to test Records - Moore find one or ask Mehr for old hand,

42 - girl on Moore's machine to test doubtful records & new prints & transfers -

43 - find out what heads of depts do, their duties, get it on typewriter,

44 - Wilson if he got requested Cups from Lead Co etc for Repders - also boxes for Repders or Cardboard Boxes for high percent records -

Moore - How about Cups from Weld Lead - yes have ~~[illegible]~~ - Thru -

Ring for Sub Master mouldes -

Laundry Towels Contracted -

Raise Erni
Ernest Richter Check 7668
to ~~[illegible]~~ 30 cents
hour

Why not green print Lab?

Wilson - get stuff out ~~tents~~, Hughes removes his stuff, Rehs crane
Tents for storage

Start on model 3
disc theatre machine

Grenn More Vac
Ap & balls
greater Bonness plate
Capacity -

find out from Dyer
who are directors
of MPPCo & if objection
to Mr taking President
What duties must
be performed,

Tell Badger not 1st
Class Steam fitter
Burns n g

Harps, Cant use
Egg Album, must
Crosby Records -

Arrange with Grenn
for more Wedding
& more pledging -
& Lulbe Gypsy

Holden Couple at
Victoria & give opening

Philpot handle on
peg boxes -

3000 daily

Very rough estimate

Blank.	6,00 —	3,25
Varnish	2 75	275
Talent @ 400 day	13 00	13 00
Repair supplies	2,00	2 00
	23,75 Cents Record	
		21,00

Trimmer & Counter	1900	
6 girls	900	
10 Men.	2500	
6 Machinist	3900	
1 Solder	350	
3 Mechs	1000	
3 Repairs master	1300	
Supplies	2500	
Light & Power	1000	
12 Inspector	600	
1 "		
2 Transferring	800	
Extra	15,00	
Current Bookkeep	12 00	
Water, Steam	500	
Yee	500	
Extra	200	
	21,350	
		213.

powder press 6 men	1200	
Room 4	800	
Foreman 1	400	
Varnish 2	400	
Press 4	800	
Laborers 2	400	
Flow press 2 men 6	1550	
Laborer 2	400	
Inspector	200	
Transfer 3 press 10	2500	
2 Laborers	400	
Inspection	600	
Laborers	800	
Edging 15	3000	
		136 50
Flow Varnish 15	2250	
Foreman	700	
packing 4	800	
Laborers 4	800	
Furnaceman 4	800	
pitch clean 4	800	

Loaders 10	25 00	
Trucker 4	8 00	
Firemen 10	25 00	
Inspection 6	10 00	
Extras 15	30 00	
		159 50

Steam power water	60 00
Repairs	50 00
plates	15 00
supplies	25 00
Supt	12 00
Extras	50 00
	212 00

222
136
159
212

3) 729 00
243

9 months March of item
do some work

~~10th is when people made battery Complaints and when bragging mileage of bat fell too low to put in electric lighting Towards —~~

Wilson — Make some No 2 Reproducers
~~Call them~~
~~Phone~~ Send for
Dord & Ford
test No 2 on new cars
Chrome — also other
elevators —

Mum
I asked for Muzzle
with Springs &
your Champ sent
them without

Arrange it with Wilson
that Coney shows in
NY + Phila Wx show
the shows, & get 2 individuals
for each - This is the
Cheapest & best form of
Advertising

Wm Smith
Stock Room Works —
$8.00 week family bright 15 yrs

Bookman Smith
There is certainly something
wrong in Front Lids.

Burns very necessary
old hand at repair

Have Machine
that repairs repair
room so they
can listen to
records

Busy + busy
on that Congress
Repair

Tell Walter we think that at first will only send few of the Dose Cabinets to Argentina but do over big monthly on allowances & Records

W Mullin - Case to Carry blank, crack.

See about another place for plating Sulphuric Vanadium Crucibles

Take up subject of Current for Small MP Machine -

arrange in Re Thanksgiving Day

Withdraw NY Landshow instructions & change about Vic allowances

Tell Dove about grafting Repairs & parts

Mallory - Office Cost Bills, etc

instead of steel (by diamond to scrap smooth part & see if it cuts better for grafting

Try KOH on a respare repeat,
Try grinding it down by pestle
Oil alone

~~Dyer 154~~
Dalbear 75
McCheney 75
L " 35
Ireton 60 assistant to Dalbear
Stevens 100
Maxwell 96 15
Eckert 75
Weber 190
Nehr 40
Badger 30 — 35
A Wurth 40
Wm Pelger 100
J " 60 Manager big + little Kinetograph Dept
Plimpton 115 50
Dodd 40 45
Williams 40 Supt Bldgs, plant Engr, Construction
Holden 96 14 Law
Hardy 43 50 Pat of attorney, pros entire appeal + other legal wk
Madison 40 Chgs pence cut complaints, gets briefs, cleaning up alleg discs, other legal work
Buchman 40 pros patent appeal, other legal wk
Lanahan 48 detail

Lewis 30 - Drafting - keep track for equip Pat
Brown 30 Draftsman, pat office drawings
Unger 25 - Stenographer for Holden & Madison
Miss Laidlaw 18 get briefs in suits in Mr Madison
" Stalker 15 Bates amendments of appeal, filter letters, reports + for other Atty Holden
" Korb 17 50 Stenographer for Lanahan + Hardy
Bory 5 Stenographer for Buchman + Hardy

1 = They have no idea + forget put
clean

2 = Edges too sharp on cap cut
the record loop off

3 = Many are cut too short,

4 = also burrised at Edge in
Cutting -

Gum 45

pressed 245 A = 1500 120 steam
bet gamma 5 1/16 ok also
didn't flow out fully
surface ok annealed some
Calliper 135 1400 out
Reg 254 75 shaved 2 to 1
Calliper 160 —

2nd one Calliper 135
3rd " " 126
Rings touched in reason didn't
flow 3rd one had Unimes ring

Note perhaps 3 to 1 Records
will not stand cold
test 48 below zero,
& may not contract right
in chilling on press with
Varnish or it will have
low contraction —

244 after 1500 lbs Calliper
140 — is annealed all over rod
powder commencing to chisle down
wipes off ok — 2nd 140 — 3rd 140
rings came together, didn't
flow out in consequence
dies ok —

243 — don't flow like 245
& 244 — Rings didn't
come together — left didn't
flow out, blacker looks
good & ok Calliper
1st 142 parallel 2nd 138 parallel — 8
3rd blank 149 — 145 —

Gum get some of
foreign Opera in
Leath room as
practicable —

600) 18000 (30 –
1800

30 men.

194
168

Blocks below are fine no
slick to surface or thickness
even matte surface —

These are made with 300
lbs pressure on pounds blank
press — molecul of 500
Low MP Cresol only 3 to 1 –
180 MP NO 244 cut 236 grams
Phenol resin 3 to 1 cut 259
grams MP 223 NO 243
NO 245
Cresol high MP 3 to 1 237 grms
218 MP
Reg 2 to 1 – 75 phenol 25 low MP
Cresol cut 324
See page back

1000 blank 2 to 1

228½ lbs Cresol Resin 11.7 – 2677
457 wood flour 1.2 548
9 lbs hemp cloth 10 c 90
33.15 –

4.7 c lbs of mix –
3.42 c blank
3 to 1 – 3.9 lb –

171 lbs phenol resin 23½ c (prime 16c) 4018
57 " Cresol " 11.7 667
457 wood flour 1.2 548
9 hemp cloth 90
53.23

7.6 cents pound of mix

Low MP Resin req – want
high to make good blank +
Lubricate fibers so it flows
+ not stick to plate.

120
25
600
240
8,000

2400 —

2400 —

5 100

400
24,000

3 | 80
266
532

Dodds Dept 6 months

2 Mem Illustr	2350
4	4152
10" Doc Masters A4	1200
10 " Blanks 25/pkg	680

Dulcis Blanks last 6 months

2 Mem 6 Blanks	28711
4 " Recording	37694
Dictating	137170 -

Dis spots	77
Cracked	9
Moisture spots	19
Bruised	19
Run out in Mould	1
Dis in plating	7
Broken castle	2
Buckles	18
Scratched	3
Defectives	14
Inner margin dented	3
foggy	1
High notes wheared off in pressing	1
Spoiled in turning	3
Knocks	1
Repaer spot & dent	1
Copper spot	1
Cracked in bath	1
Chips	1
Pin holes	1
Dig	1
Discarded	1
187 -	$37.000.

Varnish

967	Resin	33.5 %
195	Penta	6.7 %
39	Nap	1.38 %
80	6/4	2.77 %
1600	Alcohol	55.5 %
2881		

Use 7.1 % 6/4 in –

the Resin Penta mix

When Resin is 100 & Penta 20

Use 142 % more denatured alcohol than Resin & Penta mix

Aiken

100 parts of Resin Penta & Nap
141.6 Alcohol 6/4 cut –
~~6.9 Penta 6/4 – with Nap~~
7.4

Acetone
1.38

A4 Kodak Renewal $21.60

270 lbs Sell at 8 c lb
Drum $10 refunded on return

Cost 3.36 per Litre Kodak 122 lb.
60 % gain 1.952 Lts

Chromes, uses in Nickel plating
amounts – – – – –

Copper uses 3 amp to coat
gold then goes to 10 & to high
as 18 –

R29 - varnish
Resin - Pentaphen + Naph -
4/6 - + Alcohol - Used Beg Anilin
& Toluene -
Not Mons ohl + Naph used -

Utilized - Resin + 4/6 - and free phenol
to make a solid varnish 4/6 -
+ Monohl + naph, - alcohol -

Varnish between transfer
is same as transfer varnish
with 4/6 - + CC 150 difference
not hardened. -

20 cc Acetone 5 cc Benzol
dissolves 88 to 90% of the hard
brittle Pentia, cooked at 368 Fahr
+ Sol was filtered.

20 cc Acetone + 5 Benzol take up
warm abt 120 Fahr 850 mlg 4/6 -

There is saturated hard excess of
finely powdered 4/6 in solution

25 cc Dilute Alcohol dis 3 gms 4/6
(powdered) in a flask cold - Takes
Coarse stuff very slowly

10 cc Al [illegible]
C_6H_6 dissolves about 2 1/2 gms
Pentia

15 cc Al 5 acetone - 5 Benzol
left on filter was - 700 mlg
undissolved Pentia -

15 cc Al 10 Benzol
dissolves 96 to 98 % of the
Pentia powder -
I find 15 cc Al + 10 Benzol alone
dissolves 3 gms 4/6 (cold)
If warmed slightly will
take up 3 1/2 gms
3 3/4 is limit at 150 Fahr

4 | 45000
11250
33750
33750
33750
15187
13375
1812
455

22

16
4000
4000

1

100, 1" $\frac{1}{10}$

$\frac{1}{100\ \text{decs}}$

1" 1.4 / 1000 of lb

700 decs 62
20
724

1728
1240
488

1.4

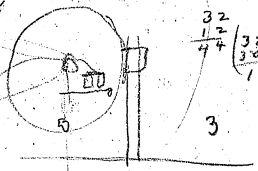
C1613

Fe_2O_3

CO_2

12
16
28

32
12
44



3

110
80
30

88

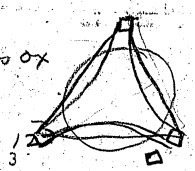
-275

75
12
150

25

30.0

30 lbs ox



36

70

-30 lbs Char -

12

446
162

12 lbs Char

162

300,0, 1 hour

30 amp 1 hour 1.4
10 "

30 amp hour wanted
15 amp hour =

10 amperes.